Title (en)
DIGITAL VIDEO RECORDING

Publication
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Application
EP 85306677 A 19850919

Priority
- GB 8425179 A 19841005
- GB 8327109 A 19831011

Abstract (en)
[origin: EP0177231A2] A method of recording and reproducing a digital video signal, the method comprising recording the video signal in oblique tracks on a magnetic tape (6) using a four-head digital video tape recorder, the four heads (a, b, c, d) being arranged in two head pairs (1, 2) disposed on diametrically opposite sides of a rotary head drum (3), and the video data relating to each field being distributed evenly between the four heads (a, b, c, d) for recording, each oblique track comprising two half-tracks (11. 12) separated by a central gap (13) in which audio data (14) may be recorded, and each field occupying a plurality of successively recorded pairs of half-tracks (11, 12) with each field boundary located at a central gap (13), and reproducing the video signal at a speed different from the normal reproduction speed using dynamic tracking (4, 5) by successively reproducing two half-tracks (21, 22) from the first part of a first pair of adjacent oblique tracks, then jumping to reproduce two half-tracks (27, 28) from the second part of a second pair of adjacent oblique tracks adjacent to the first pair and so on until all the data of one field has been reproduced, and then jumping to another field.

IPC 1-7
H04N 5/783

IPC 8 full level
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CPC (source: EP US)
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Cited by
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